

SECRET**ROUTING AND RECORD SHEET**

SUBJECT: (Optional)

FY 1988 New Initiatives

FROM:

Director, Foreign Broadcast
Information Service

EXTENSION

NO.

FBIS-0026/86

DATE

30 20 January 1986

TO: (Officer designation, room number, and
building)

DATE

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OFFICER'S
INITIALSCOMMENTS (Number each comment to show from whom
to whom. Draw a line across column after each comment.)

1. Chief, Planning and
Resources Staff, DDS&T
2. Room 6E45 - Headquarters

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FORM 610 USE PREVIOUS
EDITIONS**SECRET**

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FBIS-0026/86
30 January 1986

MEMORANDUM FOR: Chief, Planning and Resources Staff, DDS&T

FROM:

[Redacted]

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Director, Foreign Broadcast Information Service

SUBJECT: FY 1988 New Initiatives

Attached are copies of FBIS' FY 1988 New Initiatives. They are arranged in priority order and associated with the FBIS Business Areas as follows:

- Okinawa Housing Recapitalization - Field Collection
- TV Center - Field Collection
- S&T Center Enhancements - Domestic Exploitation of Foreign Media
- Japanese Machine Translation - Domestic Exploitation of Foreign Media
- Analytic Methodology Branch - Media Analysis

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DDS&T/FBIS

Okinawa Housing Recapitalization

Open Source Collection/Field Collection

Date of Full Operating Capability: 1993

Cost Estimate:	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Funds	300	300	800	800	800	304	261	246
Positions								

Problem To Be Addressed:

FBIS owns a complex of [] houses [] in Okinawa which provides housing for [] staff and [] nonstaff personnel. Much of the housing is over 30 years old and all of the units have deteriorated badly due to heavy weathering from typhoons, heat, and salt air. All interiors need upgrading to present-day standards and half the exteriors are beyond cost-effective repair. Major rehabilitation will suffice for the newer houses (half the total), but demolition and reconstruction offer the most cost-effective course for the other half.

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Proposal:

This initiative proposes to upgrade FBIS' 30-year-old housing on Okinawa to modern standards. Adequate housing is essential to continued operation of the Okinawa Bureau, a key part of the FBIS overseas network, a present ROSET (Receive Only Satellite Earth Terminal) site monitoring open source Soviet and Chinese media, and a future INTERNET (Inter-bureau Information Network) site. This initiative calls for a phased reconstruction and remodeling project continuing through 1993 for a total cost of approximately \$3.8 million. It is based on the recommendations of an Army Corps of Engineers study completed in FY 1985. Pre-initiative funds were reserved in FY 1986 to begin this essential project.

Coordination:

This housing recapitalization program was coordinated with the DDA and military. Money is to be transferred to the military to do the construction to meet military standards in accordance with Agency requirements. The military standards cover the needs for security and safety coordination. During a 1983 inspection, the DD/Office of Logistics noted that the houses will require extensive and increasingly costly repairs. He recommended a "bulldozer renovation" -- razing most of the old units and building new units in phases over several years.

S E C R E T

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DDS&T/FBIS

TV Center

Open Source Collection/Field Collection

Date of Full Operating Capability: 1989

Cost Estimate:	1988	1989	1990
Funds	521	221	100
Positions			

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Problem To Be Addressed:

The increased speed by which FBIS is able to deliver monitored foreign television via its INTERNET (Inter-Bureau Information Network) is expected to stimulate a sharp increase in demand from the Intelligence Community for foreign TV. A television processing center is needed to handle this increased volume, to deliver it electronically, and to package the product in formats useful to the consumer, without negating the improved speed of delivery.

Proposal:

This initiative will establish a TV Center that will operate around the clock, receiving TV signal feeds worldwide via satellite, converting the signals to U.S. standard, and providing live electronic signal feeds to consumers. The Center also will record programs for archive, editing, and relay to consumers at more convenient hours. The Center will combine the recorded programs with translations provided by FBIS overseas bureaus and Headquarters linguists--to the extent required by consumers--to achieve a finished video product. It will use a 3/4-inch videotape editing suite (two in FOC) equipped with titling, sound recording, and video camera capability. The Center will provide facilities for storing, degaussing, and cleaning videotapes; limited archiving for FBIS Analysis Group; viewing rooms for analysts; and the ability (in FOC) to provide high quality still photos from video. The 2-year cost to build and equip the Center will be \$742k. The Center will require a staff of [] TV specialists, plus [] support positions for managing TV coverage, analysis of video, and translations.

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Coordination:

This initiative was discussed with the DDI Television Working Group chaired by OCR and with other Agency components involved in different aspects of TV. The wide extent of consumer demand for the FBIS TV product was confirmed in a 1984 study conducted by an outside contractor. This initiative will require expanded services from OCR/VMB, P&PD, and OIT. The TV Center will require 2,400 square feet for office space, video equipment, and viewing rooms.

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DDS&T/FBIS

S&T Center Enhancements

Open Source Collection/Domestic Exploitation of Foreign Media

Date of Full Operating Capability: FY 1988

Cost Estimate:

Funds

1988

1989

500

525

Positions

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Problem To Be Addressed:

The FBIS Science and Technology Center was established in FY 1986 in response to ever-growing demand within the Agency and the Intelligence Community for additional reporting from open source literature on scientific and technological developments throughout the world. The S&T Center is an ongoing activity in which FBIS has invested considerable resources. As initially approved, the S&T Center initiative called for the establishment of a Center in FY 1986 with an allocation of [] positions: [] in FY 1986, [] in FY 1987, and [] in FY 1988. When the initiative was rolled into FBIS Production Group's base budget in FY 1986, 2 years ahead of schedule, [] S&T Center positions were lost in FY 1987 and [] in FY 1988. Without these [] positions, the Center will not be able to effectively carry out its mission of exploiting worldwide scientific and technical literature and will not reach FOC by FY 1988 as projected.

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Proposal:

This initiative will provide the [] positions to adequately support the S&T Center's exploitation of open source scientific and technical literature to the direct benefit of Agency and Intelligence Community analysts working in S&T areas. Approximately \$500k will be needed for contract translation of the S&T material generated by the [] positions.

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Coordination:

The S&T Center initiative was coordinated throughout the Agency and the Intelligence Community and a definite need for the Center was identified. Once the [] positions are allocated, the center will require 2,000 square feet of space for its operations.

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S E C R E T

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DDS&T/FBIS

Japanese Machine Translation

Open Source Collection/Domestic Exploitation of Foreign Media

Date of Full Operating Capability: 1988

Cost Estimate:	1988	1989
Funds	850	400
Positions		

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Problem To Be Addressed:

Current U.S. Government high interest in technology transfer and growing concern over the pace of Japanese advances in high technology will in the next few years generate dramatically higher requirements for more information on Japanese S&T developments. Even now the demand for translation of the tremendous volume of available open source Japanese S&T material is outstripping FBIS' ability to find competent translators to process the information. This initiative also addresses recommendations for improved availability of open source S&T information made in the STIC Report on Processing of Overtly Collected Scientific and Technical Intelligence Information.

Proposal:

This initiative will procure a Japanese-to-English machine translation system. The computerized screening and translation of selected open source Japanese S&T material will enable FBIS to handle a greater volume of information in a timely manner. One U.S.-produced system currently is operational in private industry and another is being developed with Agency funds channeled through FBIS to FTD. This project is fully coordinated with the IC Staff. A number of MT systems are under development in Japan. This initiative will require positions and the funds for hardware, software, dictionaries, and system maintenance.

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Coordination:

FBIS has discussed the subject of this initiative with FTD, NSA, and Intelligence Community members of the STIC Committee. FBIS will continue to coordinate with FTD, NSA, and other interested U.S. Government components to learn from their experience in machine translation. At least one Japanese MT system currently being developed requires a main frame computer. Should this be the system which is eventually procured, FBIS would need access to an OIT computer. Estimated floor space for the rest of the hardware is approximately 100 square feet, with additional space required for positions.

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DDS&T/FBIS

Analytic Methodology Branch

Open Source Collection/Media Analysis

Date of Full Operating Capability: 1988

Cost Estimate:	1988	1989
Funds	250	535
Positions		

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Problem To Be Addressed:

Full and effective exploitation of the automated FBIS storage and retrieval system targeted for IOC in FY 1988 requires definition of the assumptions and procedures of the methodology of media analysis, developed in FBIS Analysis Group over a period of more than 30 years but lacking comprehensive and coherent documentation. Definition of the methodology will be an essential prerequisite for the design of programs that will take advantage of the new computer-based tools. With electronic files and a data base management system, possibilities will open up for new applications to enhance FBIS media analysis support for a wide range of intelligence and policy offices whose needs are not now fully met. Strategies are needed, for example, to better and more quickly exploit media sources for warning indicators and new formats should be explored and developed as alternate means of delivering analysis. This includes a pilot project, designed to meet a need identified in a 1985 report of the Critical Intelligence Problems Committee, to determine ways to digest and distill the vast proliferation of media materials that are overwhelming Community analysts' ability to exploit these sources. In addition, as television grows in importance worldwide as a communications medium and becomes more accessible via the FBIS ROSET and INTERNET systems, methodologies will be needed to exploit the politically relevant content of the video.

Proposal:

This initiative will establish an Analytic Methodology Staff in the FBIS Analysis Group to study and define media analysis methodologies, design and test applications using the automated storage and retrieval system to be introduced in the FBIS Modernization Program, contribute to planning for the next phase of design and procurement of the system, develop and test alternate formats for delivering information and analysis to FBIS consumers, identify R&D requirements, and coordinate with ORD on relevant developmental efforts. This initiative will provide funds for [] analytic positions on the staff. Consultative, research, and programming support will be provided on contract. An operating span of 5 years is envisaged with completion of the effort in FY 1992.

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Coordination:

ORD believes this effort will complement its ongoing development of text-processing and retrieval tools. It believes the effort will be well timed to capitalize on the findings and recommendations of the forthcoming study of Community analytical methods sponsored by the Intelligence Research and Development Council and chaired by ORD.

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DDS&T/FBIS/E&PS (29 Jan 86)

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Distribution:

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